

## COOPER &amp; DUNHAM LLP

ATTORNEYS AT LAW

1185 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10036

TELEPHONE: (212) 278-0400

Official  
MH  
9/5/02

CHRISTOPHER C. DUNHAM  
NORMAN H. ZIVIN  
JOHN P. WHITE  
WILLIAM E. PELTON  
ROBERT D. KATZ  
PETER J. PHILLIPS  
WENDY S. MILLER  
ROBERT T. MALDONADO  
ERIC D. KIRSCH  
ALAN J. MORRISON  
GARY J. GERSHIK  
MICHAEL F. MORANO  
FRANK A. BRUNO  
JASON S. MARIN  
KEITH J. BARKAUS  
HARVEY AGOSTO  
ANTHONY V. FLINT\*

IVAN S. KAVRUKOV  
PETER D. MURRAY  
JAY H. MAIOLI  
ROBERT B. G. HOROWITZ  
DONALD S. DOWDEN  
DONNA A. TOBIN  
RICHARD S. MILNER  
RICHARD F. JAWORSKI  
PAUL TENG  
PEDRO C. FERNANDEZ  
TODD W. EVANS  
ALAN D. MILLER  
CHRISTINE S. NICKLES  
SPYROS S. LOUKAKOS\*  
MARIA V. MARUCCI  
DEEPRO R. MUKERJEE

FACSIMILE: (212) 391-0525  
(212) 391-0526  
(212) 391-0630

OF COUNSEL  
JOHN R. CARBER  
MARK A. FARLEY

SCIENTIFIC ADVISORS  
BRIAN J. AMOS, PH. D.  
NICHOLAS F. MUTO, PH. D.  
JOSEPH B. CRYSTAL, PH. D.  
ARMANDO L. BALBONI, M. PHIL.  
MURIEL M. LIBERTO, PH. D.

FOUNDED 1987  
www.cooperdunham.com

**FACSIMILE TRANSMISSION**

\* NEW YORK STATE BAR ADMISSION PENDING

## PLEASE DELIVER THE FOLLOWING PAGES

TO: Examiner J. HuntGROUP ART UNIT: 1642FACSIMILE NO.: (703) 746-4989FROM: Mark A. Farley/JPWTOTAL NUMBER OF PAGES, INCLUDING COVER PAGE: 20DATE: September 5, 2002

TIME: \_\_\_\_\_

IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL BACK AS SOON AS POSSIBLE TO (212) 278-0400.

AMENDMENT IN RESPONSE TO JULY 2, 2002 FINAL OFFICE ACTION in connection with Philip O. Livingston et al. for GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21, U.S. Serial No. 08/196,154, filed November 16, 1995, including Exhibit A (Amended Claims) and a Facsimile Certificate of Transmission dated September 5, 2002.

Date Due: October 2, 2002

Thank you.

=====

THE INFORMATION CONTAINED IN THIS FACSIMILE TRANSMISSION IS INTENDED SOLELY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENT(S) NAMED ABOVE. THIS TRANSMISSION MAY BE AN ATTORNEY-CLIENT COMMUNICATION CONTAINING INFORMATION THAT IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT A DESIGNATED RECIPIENT OR AN AGENT RESPONSIBLE FOR DELIVERING IT TO A DESIGNATED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR, AND THAT ANY REVIEW, DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, OR IF UPON READING THIS DOCUMENT YOU HAVE REASON TO BELIEVE THAT THE DOCUMENT WAS INADVERTENTLY SENT TO YOU, PLEASE NOTIFY US IMMEDIATELY BY COLLECT TELEPHONE CALL AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Philip O. Livingston and Friedhelm Helling

Serial No.: 08/196,154 Examiner: J. Hunt

Filed : November 16, 1995 Group Art Unit: 1642

For : GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21

1185 Avenue of the Americas  
New York, New York 10036  
September 5, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**FACSIMILE**

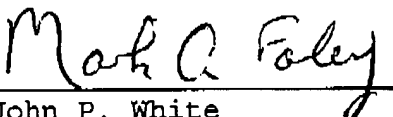
**CERTIFICATE OF TRANSMISSION**

**IN CONNECTION WITH THE ABOVE-IDENTIFIED APPLICATION**

Date of Facsimile: September 5, 2002. I hereby certify that this paper or fee is being facsimile transmitted to the United States Patent and Trademark Office on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231:

  
Printed Name: Amy Adler

Respectfully submitted,

  
John P. White  
Registration No. 28,678  
Mark A. Farley  
Registration No. 33,170  
Attorneys for Applicant(s)  
Cooper & Dunham, LLP  
1185 Avenue of the Americas  
New York, New York 10036  
(212) 278-0400

*Received  
9/5/02*

RULE 1.116 AMENDMENT  
EXPEDITED PROCEDURE  
GROUP ART UNIT 1642

Dkt. 43016-A-PCT-US/JPW/MAF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Philip O. Livingston and Friedhelm Helling

Serial No.: 08/196,154 Examiner: Anne Holleran

Filed : November 16, 1995 Group Art Unit: 1642

For : GANGLIOSIDE-KLH CONJUGATE VACCINES WITH QS-21

1185 Avenue of the Americas  
New York, New York 10036  
September 5, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

Attn: Box AF

SIR:

AMENDMENT IN RESPONSE TO JULY 2, 2002 FINAL OFFICE ACTION

This amendment is filed in response to the July 2, 2002 Final Office Action issued by the Patent and Trademark Office in connection with the above-identified application. A response to the Final Office Action is due on October 2, 2002. Accordingly, this Amendment is being timely filed.

Please amend the subject application as follows:

In the Claims

Please amend claims 97, 111, and 113 as follows. A marked-up version of the amended claims, wherein the deleted material is in brackets and the inserted material is underlined, is attached hereto as Exhibit A.